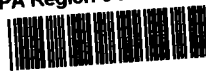


EPA Region 5 Records Ctr.



379713

FULTON INDUSTRIES INC.

WAUSEON, OHIO

PREFACE

The Fulton Manufacturing Corporation was organized in 1939 and began its corporate existence on January 1, 1940. Fulton Manufacturing Corporation merged with Chromalloy American Corporation in 1968. On May 17, 1979 the Company was purchased from Chromalloy and is now Fulton Industries, Inc.

Our plant is located 35 miles west of Toledo, Ohio, Interchange #3 Ohio Turnpike, in the town of Wauseon, Ohio (6,200 population). There are excellent air, rail, and highway connections to the major cities.

Our plant manufacturing facilities are housed in buildings of tile, cement block, and steel construction with a floor area of 150,000 square feet. We also have a 2,400 square foot wastewater treatment plant.

Our plant is set up to provide complete service from the drawing board through stamping, finishing, flashlight, and assembly operations. The majority of the tools, dies, jigs, fixtures, buff chucks, and plating racks are built in our own tool and die shop staffed with 24 journeyman toolmakers.

Plant operations fall into three basic categories:

1. The production of high speed stampings and eyelets.
Deep draw work is our specialty.
2. The electrofinishing of the above and outside contract work,
which is geared for high production, quality requirements.
3. Battery operated metal and plastic flashlights and portable
lighting devices.

FACILITIES LISTING

STAMPING AND FINISHING

TOOL ROOM FACILITIES

Milling Machines

(All Mills Have Digital Readouts)

- 1 - Series II Bridgeport with Digital Readout - Power Feed
- 4 - Bridgeport Vertical Mills with Digital Readouts
- 1 - Index Vertical Mill with Digital Readouts - Power Feed
- 1 - Sharp Vertical Mill with Digital Readouts - Power Feed
- 1 - Cincinnati Vertical Mill

Lathes

- 1 - LeBlond 20" swing - 7' bed
- 1 - Southbend 16" swing - 6' bed
- 2 - LeBlond 16" swings - 5' bed
- 2 - Southbend 12" swings - 4' bed
- 1 - Southbend 12" swing - 3½' bed
- 1 - Logan 12" swings - 3½' bed
- 3 - Harrison 13" swings - 3½' bed
- 1 - Southbend 10" swing - 3½' bed
- 1 - Southbend 8" swing - 3½' bed

Shaper

- 1 - 20" Cincinnati

Drill Presses

- 1 - Arboga RLM 3508 radial drilling machine
- 1 - Asea
- 1 - Dunmore precision
- 1 - Wilton heavy duty 25"
- 1 - Do-All 24"

Grinders

- | | |
|----------------------------------|--------------------------------------|
| 1 - Leach - surface type | 1 - Brown & Sharp Centerless Grinder |
| 1 - K.O. Lee - surface type | 1 - Fortune Belt & Disc Sander |
| 3 - Reed - 2-C-surface type | 1 - Delco 8" Bench Grinder |
| 1 - Coverl 512H - O.D.-I.D. type | 1 - Black Diamond Drill Sharpener |
| 1 - Black & Decker 8" - bench | |
| 1 - Sioux 8" - bench | |
| 1 - Dayton 6" - bench | |
| 1 - Kent Wet Grinder | |
| 1 - Hammon 8" - bench | |

TOOL ROOM FACILITIES CON'T.

Saws

- 2 - DoAll 3618-H - contour
- 2 - Kalamazoo 8"x16" - horizontal
- 2 - Cummins 4"x6" - horizontal

Filers

- 1 - DoAll BF120 continuous band
- 1 - Oliver heavy duty

Furnaces - Heat Treating

- 2 - Johnson - gas
- 2 - Hotpacks - electric
- 3 - Huppert - electric

Miscellaneous

- 1 - Beacon line chain hoist - 1 ton cap.
- 1 - Di-Arco shear
- 1 - Service diamond hardness tester
- 2 - Crown material handlers - electric, 1500 lbs. cap.
- 4 - Hydraulic lift tables
- 27 - Tool maker benches
- 29 - Die tables - steel
 - 1 - DoAll 24"x36" surface plate
 - 1 - Hydraulic press
 - 1 - Prime mover, material handler - electric, 3,000 lbs. cap.
- 2 - Coffing chain hoists - 1 ton
- 1 - Budget chain hoist - 1 ton
- 1 - Dayton chain hoist - 2 ton
- 1 - Sunnen precision hone
- 1 - Hitachi - 1 ton
- 1 - Geo. Olcott Bead Blaster
- 1 - Engelberg Belt Sander

ENGINEERING AND QUALITY CONTROL

- 1 - 38"x72" drafting table with drafting machine
- 1 - Ex-Cell-O contour projector - Model #30, 30"
- 2 - 38"x60" drafting tables with drafting machines
- 2 - Fireproof tracing storage cabinets
- 1 - Bruning blueprint machine
- 1 - Bendix profilometer
- 2 - Swift microscopes
- Complete assortment of Precision measuring instruments and accessories
- 2 - Digital linear gages
- 2 - Rockwell hardness testers
- 2 - Kocour plating thickness testers

ENGINEERING AND QUALITY CONTROL CONT.

- 1 - Salt spray testing cabinet
- 1 - IBM AT Computer with printer
- 2 - Tandy 48 Computer with printer

PRODUCTION PRESSES

- 2 - 150 ton U.S.I. OBI - stroke 8"
- 1 - 100 ton Rousselle - stroke 6" (bed area 30"x100")
- 7 - 80 ton L&J OBI - stroke 6"
- 1 - 50 ton Perkins - stroke 6"
- 2 - 50 ton L&J OBI - stroke 6"
- 1 - 45 ton L&J OBI - stroke 5"
- 8 - 45 ton L&J OBI - stroke 4"
- 1 - 40 ton Johnson OBI - stroke 3½"
- 1 - 36 ton L&J - stroke 3"
- 1 - 35 ton Perkins - stroke 2½"
- 2 - 22 ton Bliss OBI - stroke 3"
- 1 - 22 ton Bliss OBI - stroke 2½"
- 3 - 20 ton Waterbury-Ferrel - stroke 1¼"
- 1 - 20 ton Toledo OBI - stroke 2¼"
- 1 - 17 ton Consolidated - stroke 2½"
- 1 - 10 ton Perkins - stroke 2½"
- 1 - 10 ton Perkins - stroke 2"
- 1 - 5 ton Perkins - stroke 2"
- 2 - 45 ton L&J str. side - stroke 4"
- 1 - 200 ton U.S.I. OBI - stroke 9"
- 1 - 50 ton L&J OBI - stroke 4"
- 1 - 36 ton L&J OBI - stroke 5"
- 1 - 200 ton OBI Clearing - stroke 9" (68" bed)
- 1 - 200 ton Bliss str. side - stroke 12" (80" bed)
- 1 - 150 ton Minster str. side - stroke 6" (60" bed)
- 1 - 175 ton Verson press

The above punch presses are all equipped with roll or air feeds, coil cradles or reels, and scrap cutters.

SECONDARY OPERATION PRESSES

- 12 - 5 ton Rousselle - stroke 2"
- 2 - 15 ton Press-Rite OBI - stroke 2"
- 1 - 15 ton Consolidated OBI - stroke 3"
- 1 - 20 ton Press-Rite OBI - stroke 3"
- 1 - 35 ton L&J - stroke 4"
- 1 - 45 ton Bliss OBI - stroke 4"
- 1 - 50 ton V&O - stroke 6"
- 1 - 60 ton Johnson OBI - stroke 6"
- 1 - 60 ton Bliss OBI - stroke 6"
- 1 - 90 ton Bliss - 8" stroke
- 1 - 150 ton Bliss - 10" stroke

The above punch presses are primarily used for secondary piercing, forming, and assembly operations.

MISCELLANEOUS PRODUCTION EQUIPMENT

- 2 - Special Hypneumat multiple head drilling machine - 8 station index
- 1 - Special Hypneumat multiple spindle drilling machine - 12 station index
- 1 - Special Hypneumat drilling machine - 12 station index
- 1 - Special Hypneumat drilling machine
- 1 - National 75 KVA welder
- 1 - Beckett & Harcum drilling and tapping machine
- 1 - National rivet machine
- 1 - Drill press - floor model
- 1 - Special Hypneumat tapping machine
- 1 - Spinomatic head forming machine
- 1 - V&O beading machine
- 1 - V&O roll threading machine
- 1 - DiArco automatic roll bending machine
- 1 - Heavy duty Milford rivet machine
- 5 - Special Hypneumat 2 station drill machines
- 3 - Special Fulton index asm. machines

PLATING FACILITIES

- 2 - Chloride Zinc automatics - rack
- 1 - Chloride Zinc automatic - barrel
- 1 - Nickel Chrome automatic - rack
- 1 - Alkaline Zinc automatic - barrel
- 1 - Phosphate automatic - rack
- 1 - Phosphate line - hoist
- 1 - Phosphate line - barrel
- 1 - Nickel, tin, copper, passivation, phosphate barrel line - hoist
- 1 - Silver plating line - rack & barrel
- 1 - Gold, Rhodium line - rack

BURNISH FACILITIES

- 2 - Vibratory burnish barrels
- 6 - Rotary burnish barrels
- 1 - Screw type cleaning machine
- 1 - Stationary magnetic separator
- 1 - Portable magnetic separator
- 6 - Drying ovens
- 2 - Baking ovens

LAB EQUIPMENT

- 2 - Kocour plate thickness testers
- 2 - Magnetic plate thickness testers
- 1 - Dermitron plate thickness tester
- 1 - Analytical balance
- 9 - Hullcells
- 1 - Jiggle cell
- Complete chemical analysis of plating solutions

PACKAGING & COMMUNICATION

Complete packaging and marketing capabilities, including in house ability to produce Bar Code Labels.

Also, computer tele-communications capability with major automotive customers.